



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Abuin *et al.*

Group Art Unit: 1632

Application No.: 10/060,069

Examiner: Robert M Kelly

Filed: January 29, 2002

Title: Novel Murine Polynucleotide Sequences  
and Mutant Cells and Mutant Animals  
Defined Thereby

Atty. Docket No.: LEX-0305-USA

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**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. §1.115**

Commissioner for Patents  
Alexandria, VA 22313

Sir:

Applicants acknowledge the receipt of the Office Action (Paper No. 9, "the Action") mailed on September 8, 2003 which has been carefully reviewed and studied. Reexamination and reconsideration of the application is requested in view of the following remarks. In order to facilitate the Examiner's evaluation of the application, Applicants have attempted to address the objections and rejections in the Action in the same order in which they were originally raised in Paper No. 9

Applicants are filing herewith a Petition for Extension of Time of two months up to and including February 8, 2004 and, in view of the fact that February 8, 2004 falls on a Sunday the response is deemed to be timely filed. Applicants believe that no fees in addition to the fee for the extension of time are due in connection with this response. However, the Commissioner is authorized to charge any underpayment or credit any overpayment to Deposit Account No. 50-0892.

## AMENDMENTS

Please amend Claim 8 to read:

Claims 1-7 previously cancelled.

Claim 8 (amended). An isolated mouse [murine] embryonic stem cell line comprising an engineered mutation in at least one gene comprising a polynucleotide sequence [first] disclosed in [one of] SEQ ID NO:705.

Claim 9 previously cancelled.